Postel

Network Working Group
Request for Comments #154
NIC #6759
Categories: C.4
Updates: #107
Obsoletes: #132

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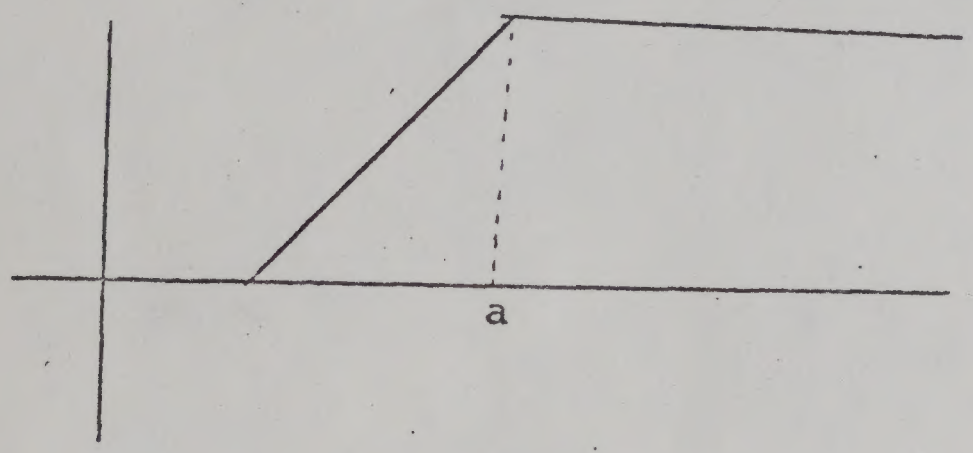
Exposition Style

As a pedagogical device for describing functions such as the one below



where two formulae, f_1 and f_2, are necessary for adjoining domains but the function is continous at the boundary point, I usually write the description in the form

$$f(x) = f_1(x) \text{ for } x \leq a$$
$$f(x) = f_2(x) \text{ for } x \geq a$$

The astute reader will note that the domains overlap, but that $f_1(a) = f_2(a)$, so no semantic ambiguity obtains.